

## **Amendments to the Claims:**

This listing of claims replaces all prior versions and listings of claims in the application.

### **Listing of Claims:**

1. (Currently Amended) A method for converting display source code of a legacy application having mixed business and presentation logic on a server to a network interactive web-browser page, the method comprising:

resolving the display source code of the legacy application into a plurality of record formats, each record format corresponding to source code associated with an input/output screen of the legacy application;

~~for each of the plurality of record formats, resolving a plurality of references within the record format to database files;~~

~~determining a hierarchy and relationship of the plurality of references within the database files;~~

parsing each record format into a corresponding intermediate file that is renderable by a web browser, each intermediate file including static content and dynamic content, the static content corresponding to an unchanging portion of a given input/output screen of the legacy application, the dynamic content corresponding to a dynamic portion of the given input/output screen that is filled in at runtime by the legacy application; and the plurality of references within the database files to a web language file using nested tags to capture the hierarchy and relationship of the plurality of references to create one or more network user interface pages; and

converting the one or more network user interface pages the static content of each intermediate file to an object-oriented platform-independent network language a corresponding web page for display on the web browser including creating dynamic components for populating the web page based on the dynamic content of the intermediate file, including;

~~creating dynamic components for input, output, and feedback references of each record format, the dynamic components for populating the one or more network user interface pages; and~~

~~creating a static component for unchanging references of each record format, the static component representing the one or more network user interface pages.~~

2. (Currently Amended) The method of claim 1, wherein ~~the network interactive web browser~~ each web page is displayed on the Internet.
3. (Currently Amended) The method of claim 1, wherein ~~the network interactive web browser~~ each web page is displayed on a network selected from the group consisting of: an internal network, an Intranet, a LAN, a WAN, an internal bus, a wireless network.
4. (Currently Amended) The method of claim 1, wherein ~~the web language~~ each intermediate file is an XML language file.
5. (Original) The method of claim 4, wherein the XML language file is an HTML file.
6. (Original) The method of claim 4, wherein the XML language file is a WML file.
7. (Currently Amended) The method of claim 1, wherein ~~the static component further~~ each web page comprises a JavaServer Page.
8. (Original) The method of claim 1, wherein the dynamic components further comprise

JavaBeans.

9. (Currently Amended) The method of claim 2, wherein ~~the one or more network user interface pages are~~ each web page is stored on the server.

10. (Currently Amended) A computer readable medium containing program instructions tangibly stored thereon for creating web interfaces of a legacy application having mixed business and presentation logic stored on a computer, the program instructions for:

parsing display file data description source of the legacy application to render the display file data description source into a plurality of ~~network user interface pages~~ intermediate files that are each renderable by a web browser of a client, each ~~network user interface page~~ intermediate file corresponding to display a record format representing source code associated with an input/output screen of the legacy application;

converting each ~~network user interface page~~ intermediate file to a corresponding web page, wherein at least one data object maintains input data, output data, and feedback data of the legacy application on a the client, and at least one ~~web browser~~ web page maintains static content of a given input/output screen of the legacy application;

dynamically updating the ~~web browser~~ at least one web page with the input data, output data, and feedback data of the legacy application via a servlet instance; and

displaying the dynamically updated ~~web browser~~ web page through the web browser on a the client via a network.

11. (Currently Amended) A computer readable medium containing program instructions tangibly stored thereon for use in a computer network, the computer readable medium containing

program instructions for:

providing a plurality of network-user-interface-pages of intermediate files that are renderable by a web browser, each intermediate file corresponding to record formats format representing of display source code associated with an input/output screen of a legacy application, the legacy application having mixed business and presentation logic, the network user-interface pages to receive data from the legacy application and in response thereto; and

converting the each intermediate file network-user-interface pages to a corresponding web-browser pages web page, a static portion of which a given web page corresponding to a displays the static portion of the corresponding record format formats and a dynamic portion of the given web page interacting with which interacts with the web-browser page to display input data, output data, and feedback data required by and from the legacy application.

12. (Currently Amended) A computer system for executing an application, comprising:

a central processing unit;

a main memory connected to the central processing unit with a communication bus;

a data storage unit connected to a data storage interface which is connected to the communication bus;

at least one input/output device connected to the communication bus and connected to a network interface to an external computer network,

a legacy application having mixed business and presentation logic stored in the main memory and capable of executing on the central processing unit; and

a plurality of intermediate network-user-interface-pages files that are renderable by a web browser, each of which correspond intermediate file corresponding to a record format representing source code associated with an input/output screen of the legacy application;

wherein as the legacy application executes, application logic ~~may use~~ uses either a legacy application display of ~~the~~ associated with a given record format or the plurality of intermediate ~~network user interfaces pages~~ files for communication of the legacy application to a user over the external computer network.

13. (Currently Amended) A computer server for converting the display source of a legacy application having mixed business and presentation logic stored and executing on a computer, comprising:

a central processing unit;

a parser to parse the display source of the legacy application into a plurality of record formats, each of the record formats being unique to each input/output screen definition of the legacy application;

a generator of ~~web language user interface~~ intermediate files having nested tags of each of the record formats, each intermediate file being renderable by a web browser; and

a converter operable to convert the ~~web language user interface~~ intermediate files to one or more web pages, the converter further comprising:

an object creator to create dynamic components for ~~the~~ dynamic portions of the record formats, the dynamic components for populating the one or more web pages; and

a static component for display of ~~the~~ unchanging aspects of the record formats, the static component representing the one or more web pages.

14. (Previously Presented) The method of claim 1, wherein each step of the method occurs at development time during which a user is preparing a new user interface for the legacy application.

15. (Currently Amended) The method of claim 14, wherein converting the static content of each intermediate file ~~one or more network user interface pages~~ is performed offline without any remote connection to the server upon which the legacy application resides.

16. (Currently Amended) The computer readable medium of claim 10, wherein:  
the program instructions for parsing the display file data description source and converting ~~the network user interface page~~ each intermediate file are each executed during development time of the web-browser page; and

the program instructions for dynamically updating the ~~web-browser~~ at least one web page and displaying the ~~web-browser~~ dynamically updated web page are each executed during runtime.